

ThermalBuck™

Basic Installation Guide



Before Installing:

- Rough opening must be sized 1/2" larger than window manufacturers' recommendations on each side to accommodate ThermalBuck.
- Refer to BRINC Building Product's installation guides for ThermalBuck, along with manufacturers' instructions for WRB, continuous insulation, and window.
- Consider best practices for integrating the installation steps. *This is the responsibility of the architect, builder, consultant, and buyer.*
- Follow all manufacturers' guidelines regarding material use, compatibility, preparation, personal safety, and disposal of any building materials.
- Request and provide warranty information to the end user and/or building owner for future reference. Find warranty requirements at www.thermalbuck.com/warranty.

Safety Guidelines:

- Wear manufacturer recommended protective gear for all materials used.
- Avoid inhaling dust particles from cutting and handling ThermalBuck and ThermalTight.
- Operate tools safely and follow manufacturers' operation guidelines.
- If injury occurs, seek medical attention immediately.

Warning:

- *If storing ThermalBuck outdoors, cover with a waterproof, light-colored, opaque covering. DO NOT cover with clear, transparent, or black-colored plastic of any kind as this may result in product damage.*
- Any alterations to the installation instructions and recommended materials may result in product and/or assembly failure.

Materials:

- ThermalBuck™
- DAP® DYNAFLEX® 800 or compatible sealant (see page 3)
- DAP® DRAFTSTOP® 812
- 1 3/4" Roofing Nails for ThermalBuck
- #10 Screws for flange (minimum penetration 1-1/4" into structure)
- Window
- WRB (if specified)
- WRB manufacturers' recommended flashing tape
- Continuous insulation and/or rainscreen
- Shims if needed

Tools:

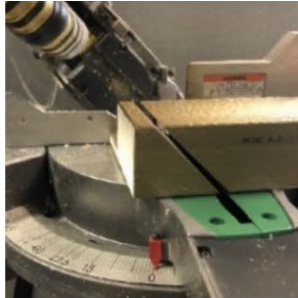
- Circular saw
- Miter saw
- Measuring tape
- Utility knife
- Level
- Hammer or nail gun
- J-roller & paddle
- Pencil or marker
- Sealant gun
- Safety glasses & hearing protection

BRINC inc. BUILDING PRODUCTS

1-814-275-5002 • www.brincbp.com • 1270 Rt. 66, New Bethlehem, PA 16242

ThermalBuck™

Basic Installation Guide



NOTE:

Installation instructions may vary at this point depending on the placement of the WRB in the wall assembly.

MEASURE

Measure the pre-framed RO to confirm the additional 1/2" on all 4 sides (1" overall) than recommended by window manufacturer. Level & plumb, adjust RO if needed.

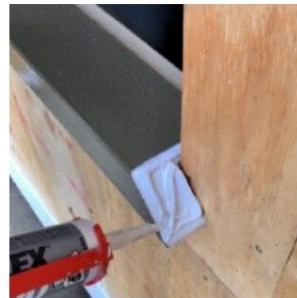
CUT

Miter the end of each piece at half the angle of the RO. (Typically 45°) Undersize each piece 1/16" to 1/8" to allow for sealant at seams.

DRY-FIT

Dry-fit the pieces of ThermalBuck to make sure it fits properly, adjust if needed. Slight gaps are needed at corners for sealant.

Detailed installation instructions for integrating the WRB, continuous insulation, and flashing the window available at thermalbuck.com.



AIR & WATER SEAL

Apply three 3/8" beads of DAP DYNAFLEX 800 on the back of each piece of ThermalBuck.

INSTALL

Starting at the sill, push ThermalBuck firmly into the rough opening along the total length to ensure you have a good seal, and 100% ooze out at all transitions.

SEAL ENDS

Add DAP® DYNAFLEX® 800 to mitered ends.

NAIL TONGUE

Once all pieces of ThermalBuck are placed, firmly push into RO and drive a 1-3/4" roofing nail through the 1/2" tongue into the structure, every 10"-12". Use a roofing nail gun if preferred.

ThermalBuck™

Basic Installation Guide



SEAL GAPS

Add additional sealant at transition joints and around the perimeter to ensure a complete seal.

SMOOTH

Smooth sealant and remove excess

SHIM

Shim on top of the ThermalBuck if required. Use one square inch of shim per 40 lbs. window.

INSTALL WINDOW

Flash window according to insulation manufacturers specification.

NOTE:

Consult window manufacturer's instructions before installing window.

Fasten window through ThermalBuck with #10 screws or nails, angled slightly to ensure good penetration into the framing.

Fasteners must penetrate a minimum of 1 1/4" into the stud for structural attachment.



INTERIOR SEAL

Use DAP DRAFTSTOP 812 to create a back dam and complete the interior air and water seal. Seal both the transition of ThermalBuck to the window and to the framing.

COMPATIBLE SEALANTS:

COVERED BY WARRANTY:

DAP® DYNAFLEX® 800
DAP® AMP® Window, Siding & Door

COMPATIBLE:

(NOT COVERED BY WARRANTY)

BASF® MasterSeal NP1
DowSil® 758 Silicone Weather Barrier
Henry AIR-BLOC LF® Liquid Flashing
Henry Fortifiber Moistop®
Prosoco® AirDam
ZIP System™ Liquid Flas

Note: Photos are for illustrative purposes only. Refer to textual instructions.